| Ref<br># | Hits | Search Query   | DBs   | Defaul<br>t<br>Opera<br>tor | Plura<br>Is | Time Stamp          |
|----------|------|--|---|-----------------------------|-------------|---------------------|
| L1       | 1446 | (162/109,111,113,117).<br>CCLS.                          | US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB | OR                          | OFF         | 2006/05/15<br>15:56 |
| L2       | 6349 | deflection adj (member<br>roll belt felt fabric<br>wire) | US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB | OR                          | ON          | 2006/05/15<br>15:49 |
| L3       | 50   | L1 and L2  | US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB | OR                          | ON          | 2006/05/15<br>15:56 |

| L4 | 1660 | (162/109,111,113,<br>115-117).CCLS. | US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB | OR | OFF | 2006/05/15<br>15:56 |
|----|------|-------------------------------------|---|----|-----|---------------------|
| L5 | 55   | L4 and L2                           | US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB | OR | ON  | 2006/05/15<br>15:56 |
| L6 | 5    | 5 not 3                             | US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB | OR | ON  | 2006/05/15<br>15:56 |

| 51 | 1434 | (162/109,111,113,117).<br>CCLS.                          | US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB | OR | OFF | 2006/03/01<br>18:45 |
|----|------|--|---|----|-----|---------------------|
| 52 | 5411 | deflection adj (member<br>roll belt felt fabric)         | US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB | OR | ON  | 2006/03/01<br>18:46 |
| 53 | 6289 | deflection adj (member<br>roll belt felt fabric<br>wire) | US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB | OR | ON  | 2006/03/01<br>18:56 |

| 54 | 50 | 51 and 53 | US-PGP<br>UB;<br>USPAT;<br>USOCR; | OR | ON | 2006/05/15<br>15:49 |
|----|----|-----------|-----------------------------------|----|----|---------------------|
|    |    |           | EPO;                              |    |    |                     |
|    |    |           | JPO;                              |    |    |                     |
|    |    |           | DERWE                             |    |    |                     |
|    |    |           | NT;                               |    |    |                     |
|    |    |           | IBM_T                             |    |    |                     |
|    |    |           | DB                                |    |    |                     |

| <b>S</b> 5 | 79             | ("1536533"   "1716866"                   | US-PGP         | OR        | OFF | 2006/03/01 |
|------------|----------------|--|----------------|-----------|-----|------------|
|            |                | "3034180"                                | UB;            |           |     | 18:48      |
|            |                | "3240657"   "3322617"                    | USPAT;         |           |     |            |
|            |                | "3350260"                                | USOCR          |           |     |            |
|            |                | "3549742"   "3834983"                    |                |           |     |            |
|            |                | "3994771"                                |                |           |     |            |
|            |                | "4208459"   "4514345"                    |                |           |     |            |
|            |                | "4528239"                                |                |           |     |            |
|            |                | "4529480"   "4541895"                    |                |           |     |            |
|            |                | "4637859"                                |                |           |     |            |
|            |                | "4740409"   "5066532"                    |                |           |     |            |
|            |                | "5077116"                                |                |           |     |            |
|            |                | "5098522"   "5245025"                    |                |           |     |            |
|            |                | "5260171"                                |                |           |     |            |
|            |                | "5275700"   "5328565"                    |                |           |     |            |
|            |                | "5330604"                                |                |           |     |            |
|            |                | "5334289"   "5364504"                    |                |           |     |            |
|            |                | "5429686"                                |                |           |     |            |
|            |                | "5431786"   "5462642"                    |                |           |     |            |
|            |                | "5496624"                                |                |           |     |            |
|            |                | "5500277"   "5514523"                    |                |           |     |            |
|            |                | "5527428"                                |                |           |     |            |
|            |                | "5529664"   "5549790"                    |                |           |     |            |
|            |                | "5554467"                                |                |           |     |            |
|            |                | "5556509"   "5566724"                    |                |           |     |            |
|            |                | "5580423"                                |                |           |     |            |
|            |                | "5609725"   "5624790"                    |                |           |     |            |
|            |                | "5628876"                                |                |           |     |            |
|            |                | "5629052"   "5637194"                    |                |           |     |            |
|            |                | "5672248"                                |                |           |     |            |
|            |                | "5674663"   "5679222"                    |                |           |     |            |
|            |                | "5693187"                                |                |           |     |            |
|            |                | "5709775"   "5714041"                    |                |           |     |            |
|            |                | "5718806"                                |                |           |     |            |
|            |                | "5741402"   "5744007"                    |                |           |     |            |
|            |                | "5746887"                                |                |           |     |            |
|            |                | "5776311"   "5795440"                    |                |           |     |            |
|            |                | "5814190"   "5817377"                    |                |           |     |            |
|            |                | "5820730"                                |                |           |     |            |
|            | 4:11:41 PM     | <u>"5846379"   "5885421"</u>             |                | ·         |     | Page 5     |
| C:\Docum   | ents and Setti | ng\$\'j <b>58939.65</b> 'bdcuments\EAST\ | workspaces\100 | 16596.wsp |     |            |
| 1 }        |                | "F0/0122"   "F0/12210"                   |                | 1         | l   |            |

| 56 | 292 | 53 and tissue and (fiber fibre) | US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB | OR | ON | 2006/03/01<br>18:56 |
|----|-----|---------------------------------|---|----|----|---------------------|
| 57 | 167 | 56 and @ay<="2000"              | US-PGP UB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB | OR | ON | 2006/03/01<br>18:57 |

| <b>58</b> | 80         | ("1536533"   "1716866"<br>  "3034180" | US-PGP<br>UB; | OR | OFF | 2006/03/01<br>19:00 |
|-----------|------------|---------------------------------------|---------------|----|-----|---------------------|
|           |            | "3240657"   "3322617"                 | USPAT;        |    |     |                     |
|           |            | "3350260"                             | USOCR         |    |     |                     |
|           |            | "3549742"   "3834983"                 |               |    |     |                     |
|           |            | "3994771"                             |               |    |     |                     |
|           |            | "4208459"   "4514345"                 |               |    |     |                     |
|           |            | "4528239"                             |               |    |     |                     |
|           |            | "4529480"   "4541895"                 |               |    |     |                     |
|           |            | "4637859"                             |               |    |     |                     |
|           |            | "4740409"   "5066532"                 |               |    |     |                     |
|           |            | "5077116"                             |               |    |     |                     |
|           |            | "5098522"   "5245025"                 |               |    |     |                     |
|           |            | "5260171"                             |               |    |     |                     |
|           |            | "5275700"   "5328565"                 |               |    |     |                     |
|           |            | "5330604"                             |               |    |     |                     |
|           |            | "5334289"   "5364504"                 |               |    |     |                     |
|           |            | "5429686"                             |               |    |     |                     |
|           |            | "5431786"   "5462642"                 |               |    |     |                     |
|           |            | "5496624"                             |               |    |     |                     |
|           |            | "5500277"   "5514523"                 |               |    |     |                     |
|           |            | "5527428"                             |               |    |     |                     |
|           |            | "5529664"   "5549790"                 |               |    |     |                     |
|           |            | "5554467"                             |               |    |     |                     |
|           |            | "5556509"   "5566724"                 |               |    |     |                     |
|           |            | "5580423"                             |               |    |     |                     |
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|           |            | "5628876"                             |               |    |     |                     |
|           |            | "5629052"   "5637194"                 |               |    |     |                     |
|           |            | "5672248"                             |               |    |     |                     |
|           |            | "5674663"   "5679222"                 |               |    |     |                     |
|           |            | "5693187"                             |               |    |     |                     |
|           |            | "5709775"   "5714041"                 |               |    |     |                     |
| :         |            | "5718806"                             |               |    |     |                     |
| :         |            | "5741402"   "5744007"                 |               |    |     |                     |
|           |            | "5746887"                             |               |    |     |                     |
|           |            | "5776311"   "5795440"                 |               |    |     |                     |
|           |            | "5814190"   "5817377"                 |               |    |     |                     |
|           |            | "5820730"                             |               |    |     |                     |
| /15/06    | 4:11:41 PM | <u>"5846379"   "5885421"</u>          |               |    |     | Page                |

# FIBROUS STRUCTURE HAVING INCREASED SURFACE AREA AND PROCESS FOR MAKING SAME.

Patent number: MXPA03003593
Publication date: 2003-06-19

Inventor: CABELL DAVID WILLIAM (US)
Applicant: PROCTER & GAMBLE (US)

Classification:

- international: D21F11/00; G03F7/12; D21F11/00; G03F7/12; (IPC1-7):

D04H/00

- european: D21F11/00E; G03F7/12 Application number: MX2003PA03593 20030424

Priority number(s): US20000694915 20001024; US20000694929 20001024;

US20000694946 20001024; US20000695117 20001024;

US20000695155 20001024; WO2001US50472

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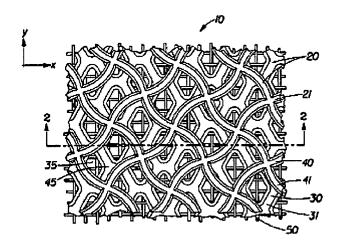
WO02061191 (A3)
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WO02061191 (A2)
EP1328675 (A3)
EP1328675 (A3)

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Abstract not available for MXPA03003593
Abstract of corresponding document: **WO02061191** 

A fibrous structure having at least a first region defining a first plane and having a first elevation, and a second region outwardly extending from the first plane to define a second elevation. wherein the second region comprises a plurality of fibrous pillows. At least some of the fibrous pillows comprise fibrous domes and fibrous cantilever portions laterally extending therefrom at the second elevation. The cantilever portions are elevated from the first plane to form pocket therebetween. In a cross-section perpendicular to the first plane the fibrous pillow has a crosssectional base measured at the first elevation and a cross-sectional perimeter, wherein a ratio of the cross-sectional perimeter to the crosssectional base is greater than 4/1. A laminated fibrous structure is also disclosed, comprising at least one fibrous sheet having a plurality of fibrous cantilever portions. A process for making the fibrous structure comprises the steps of providing a plurality of fibers disposed on a deflection member comprising a patterned framework having a backside and a web-side opposite thereto and a deflection conduits portions, including a plurality of suspended portions elevated from a plane formed by the backside to form void spaces therebetween; and deflecting a portion of the fibers into the deflection conduits such as to cause some of the deflected fibers to be disposed within said void spaces, thereby forming the fibrous domes and the cantilever portions laterally extending therefrom.



#### **RESULT LIST**

4 results found in the Worldwide database for:

increased and surface in the title AND cabell as the inventor

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Fibrous structure having incr ased surface area and pr cess for making same

Inventor: CABELL DAVID WILLIAM (US); TROKHAN

PAUL DENNIS (US)

EC: D21F11/00E; G03F7/12 IPC: **D21F11/00; G03F7/12**; **D21F11/00** (+2)

Applicant: PROCTER & GAMBLE (US)

Publication info: US2004065421 - 2004-04-08

FIBROUS STRUCTURE HAVING INCREASED SURFACE AREA AND PROCESS FOR MAKING SAME.

Inventor: CABELL DAVID WILLIAM (US) Applicant: PROCTER & GAMBLE (US)

EC: D21F11/00E; G03F7/12 IPC: D21F11/00; G03F7/12; D21F11/00 (+2)

Publication info: MXPA03003593 - 2003-06-19

Fibrous structure having increased surface area and process for making same.

Inventor: CABELL DAVID WILLIAM; TROKHAN PAUL Applicant: PROCTER & GAMBLE

**DENNIS** 

EC: D21F11/00E; G03F7/12 IPC: D21F11/00; G03F7/12; D21F11/00 (+2)

Publication info: ZA200301829 - 2004-03-05

Fibrous structure having increased surface area and process for

making same

Inventor: CABELL DAVID WILLIAM (US); TROKHAN Applicant: PROCTER & GAMBLE (US)

PAUL DENNIS (US)

EC: D21F11/00E; G03F7/12 IPC: D21F11/00; G03F7/12; D21F11/00 (+4)

Publication info: TW559632B - 2003-11-01

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